

RAW SEQUENCE LISTING

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) no errors detected.

Application Serial Number: 10/S16,476
Source: PCT
Date Processed by STIC: 12-9-04

ENTERED



PCT

RAW SEQUENCE LISTING

DATE: 12/09/2004

PATENT APPLICATION: US/10/516,476

TIME: 14:25:28

Input Set : A:\Avalon 165.txt

Output Set: N:\CRF4\12092004\J516476.raw

```

4 <110> APPLICANT: Avalon Pharmaceuticals
6 <120> TITLE OF INVENTION: Cancer-Linked Gene as Target for Chemotherapy
8 <130> FILE REFERENCE: 689290-165
C--> 10 <140> CURRENT APPLICATION NUMBER: US/10/516,476
C--> 11 <141> CURRENT FILING DATE: 2004-11-30
13 <150> PRIOR APPLICATION NUMBER: US/60/385,505
14 <151> PRIOR FILING DATE: 2002-06-04
16 <160> NUMBER OF SEQ ID NOS: 39
18 <170> SOFTWARE: PatentIn version 3.0
20 <210> SEQ ID NO: 1
21 <211> LENGTH: 4567
22 <212> TYPE: DNA
23 <213> ORGANISM: Homo sapiens
25 <400> SEQUENCE: 1
26 gcggccgccc cattcccaga ccggccgcca gcccatctgg ttagctcccg ccgctccgcg      60
27 ccgcccggga gtcgggagcc gcggggaacc gggcacctgc accgcctct gggagtgagt      120
28 ggttccagct ggtgcctggc ctgtgtctct tggatgccct gtggcttcag tccgtctcct      180
29 gttgccacc acctcgtccc tgggcccgcct gataccccag cccaacagct aaggtgtgga      240
30 tggacagtag ggggctggct tctctcactg gtcaggggtc ttctccctg tctgcctccc      300
31 ggagctagga ctgcagaggg gcctatcatg gtgcttgca gccccctggc tgtctcgtg      360
32 ttgctgcca gcctcacact gctggtgtcc cactctcca gctcccagga tgtctcagt      420
33 gagccagca gtgagcaga gctgtgcgcc cttagcaagc accccaccgt ggcctttgaa      480
34 gacctgcagc cgtgggtctc taacttcacc taccctggag cccgggattt ctcccagctg      540
35 gctttggacc cctccgggaa ccagctcatc gtgggagcca ggaactacct cttcagactc      600
36 agccttgcca atgtctctct tcttcaggcc acagagtggg cctccagtga ggacacgcgc      660
37 cgctcctgcc aaagcaaagg gaagactgag gaggagtgtc agaactacgt gcgagtctg      720
38 atcgctgccg gccggaaggt gttcatgtgt ggaaccaatg ccttttcccc catgtgcacc      780
39 agcagacagg tggggaacct cagccggact actgagaaga tcaatggtgt ggcccgtgc      840
40 ccctatgacc cagccacaa ctccacagct gtcctctcct ccaggggga gctctatgca      900
41 gccacggtca tcgacttctc aggtcgggac cctgccatct accgcagcct gggcagtggg      960
42 ccaccgcttc gactgcccc atataactcc aagtggctta atgagccaaa cttcgtggca      1020
43 gcctatgata ttgggctggt tgcatacttc ttctgcggg agaacgcagt ggagcacgac      1080
44 tgtggacgca ccgtgtactc tcgctggtgc cgcgtgtgca agaatacagt ggggggcccga      1140
45 ttctgctgg aggacacatg gaccacattc atgaaggccc ggctcaactg ctcccgcccg      1200
46 ggcgaggtcc cttctacta taacgagctg cagagtgcct tccacttgcc agagcaggac      1260
47 ctcatctatg gaggttttcac aaccaacgta aacagcatcg cggttctgc tgtctgcgcc      1320
48 ttcaacctca gtgctatctc ccaggctttc aatggcccat ttcgctacca ggagaacccc      1380
49 agggctgctt ggctccccat agccaacccc atccccaatt tccagtgtgg caccctgcct      1440
50 gagaccggtc ccaacagaaa cctgacggag cgcagcctgc aggacgcgca gcgcctcttc      1500
51 ctgatgagcg aggcggtgca gccggtgaca cccgagccct gtgtcaccca ggacagcgtg      1560
52 cgcttctcac acctcgtggt ggacctggtg caggctaaag acacgctcta ccatgtactc      1620
53 tacattggca ccgagtcggg caccatcctg aaggcgtgtt ccacggcgag ccgcagcctc      1680
54 cacggctgct acctggagga gctgcacgtg ctgcccccg ggcgcgcgca gccctgcgc      1740

```

RAW SEQUENCE LISTING

DATE: 12/09/2004

PATENT APPLICATION: US/10/516,476

TIME: 14:25:28

Input Set : A:\Avalon 165.txt

Output Set: N:\CRF4\12092004\J516476.raw

55	agcctgcgca	tccctgcacag	cgccccgcg	ctcttcctg	ggctgagaga	cgccgtcctg	1800
56	cgggtccac	tggagaggtg	cgccgcctac	cgcagccagg	gggcatgcct	gggggcccgg	1860
57	gacccgtact	gtggctggga	cggaagcag	caacgttgca	gcacactcga	ggacagctcc	1920
58	aacatgagcc	tctggaccca	gaacatcacc	gcctgtcctg	tgcggaatgt	gacacgggat	1980
59	gggggcttcg	gcccattggtc	accatggcaa	ccatgtgagc	acttggatgg	ggacaactca	2040
60	ggctcttgcc	tgtgtcgagc	tcgatcctgt	gattccccctc	gaccccgctg	tgggggcctt	2100
61	gactgcctgg	ggccagccat	ccacatcgcc	aactgtccca	ggaatggggc	gtggacccccg	2160
62	tggatcatcg	gggcgctgtg	cagcacgtcc	tgtggcatcg	gcttccaggt	ccgccagcga	2220
63	agttgcagca	accctgtctc	ccgccacggg	ggccgcatct	gcgtgggcaa	gagccgggag	2280
64	gaacggttct	gtaatgagaa	cacgccttgc	ccggtgcccc	tcttctgggc	ttcctggggc	2340
65	tcctggagca	agtgcagcag	caactgtgga	gggggcatgc	agtcgcggcg	tcgggcctgc	2400
66	gagaacggca	actctgcct	gggtgcggc	gtggagtcca	agacgtgcaa	ccccgagggc	2460
67	tgccccgaag	tgcggcgcaa	caccccctgg	acgccgtggc	tgcccgtgaa	cgtgacgcag	2520
68	ggcggggcac	ggcaggagca	gcggttccgc	ttcacctgcc	gcgcgcccct	tgcagaccgc	2580
69	cacggcctgc	agttcggcag	gagaaggacc	gagacgagga	cctgtcccgc	ggacggctcc	2640
70	ggctcctgcg	acaccgacgc	cctggtggag	gtcctcctgc	gcagcgggag	cacctccccg	2700
71	cacacgggtga	gcgggggctg	ggccgcctgg	ggcccgtggt	cgtcctgctc	ccgggactgc	2760
72	gagctgggct	tccgcgtccg	caagagaacg	tgcactaacc	cggagccccg	caacgggggc	2820
73	ctgccctgcg	tgggcgatgc	tgccgagtac	caggactgca	acccccaggc	ttgccaggtt	2880
74	cgggggtgctt	ggtcctgctg	gacctcatgg	tctccatgct	cagcttcctg	tgggtgggggt	2940
75	cactatcaac	gcacccgttc	ctgcaccagc	cccgaccctt	ccccaggtga	ggacatctgt	3000
76	ctcgggctgc	acacggagga	ggcactatgt	gccacacagg	cctgcccaga	aggctggtcg	3060
77	ccctggtctg	agtggagtaa	gtgcactgac	gacggagccc	agagccgaag	ccggcactgt	3120
78	gaggagctcc	tcccagggtc	cagcgcmtgt	gctggaaaca	gcagccagag	ccgcccctgc	3180
79	ccctacagcg	agattcscgt	catcctgcca	gcctccagca	tggaggaggc	caccgactgt	3240
80	gcagggttca	atctcatcca	cttggtggcc	acgggcatct	cctgcttctt	gggctctggg	3300
81	ctcctgaccc	tagcagtcta	cctgtcttgc	cagcactgcc	agcgtcagtc	ccaggagtcc	3360
82	acactggctc	atcctgccac	ccccaacctt	ttgactaca	agggcggagg	caccccgaag	3420
83	aatgaaaagt	acacacccat	ggaattcaag	accctgaaca	agaataaactt	gatccctgat	3480
84	gacagagcca	acttctaccc	attgcagcag	accaatgtgt	acacgactac	ttactaccca	3540
85	agccccctga	acaaacacag	cttcggcccc	gaggcctcac	ctggacaacg	gtgcttcccc	3600
86	aacagctgat	accgccgtcc	tggggacttg	ggcttcttgc	cttcataagg	cacagagcag	3660
87	atggagatgg	gacagtggag	ccagtttggg	tttctccctc	tgcactaggc	caagaacttg	3720
88	ctgccttgcc	tgtggggggg	cccattccgg	ttcagagagc	tctggctggc	attgaccatg	3780
89	ggggaaagg	ctggtttcag	gctgacatat	ggccgcagg	ccagttcagc	ccaggtctmt	3840
90	catggttatc	ttccaaccca	ctgtcacgct	gacactatgc	tgccatgcct	gggctgtgga	3900
91	cctactgggc	atgtgaggaa	ytggagaatg	gagatggcaa	gagggcaggc	ttttaagttt	3960
92	gggttgagg	caacttcctg	tggcccccc	aagctgagtc	tggccttctc	cagctggccc	4020
93	caaaaaagg	ctttgctaca	tcctgattat	ctctgaaagt	aatcaatcaa	gtggctccag	4080
94	tagctctgga	ttttctgcca	gggctggggc	attgtggtgc	tgccccagta	tgacatggga	4140
95	ccaaggccag	cgcaggttat	ccacctctgc	ctggaagtct	atactctacc	cagggcatcc	4200
96	ctctggtcag	aggcagtgg	tactgggaac	tggaggctga	cctgtgctta	gaagtccttt	4260
97	aatctgggct	ggtacaggcc	tcagccttgc	cctcaatgca	cgaagggtgg	cccaggagag	4320
98	aggatcaatg	ccataggagg	cagaagtctg	gcctctgtgc	ctctatggag	actatcttcc	4380
99	agttctgtct	caacagagtt	gttggtcag	acctgcttgg	gagtcctctg	tggcccttca	4440
100	tctgttccag	aacacacaca	cacacacact	cacacacgca	cacacaatca	caatttgcta	4500
101	cagcaacaaa	aaagacattg	ggctgtggca	ttattaatta	aagatgatata	ccagtcaaaa	4560
102	aaaaact						4567
105	<210>	SEQ ID NO: 2					

RAW SEQUENCE LISTING

DATE: 12/09/2004

PATENT APPLICATION: US/10/516,476

TIME: 14:25:28

Input Set : A:\Avalon 165.txt

Output Set: N:\CRF4\12092004\J516476.raw

```

106 <211> LENGTH: 453
107 <212> TYPE: DNA
108 <213> ORGANISM: Homo sapiens
110 <400> SEQUENCE: 2
111 agtaatcagc tcggtaccgg catgtgctgt agccagcgca gggtatccac ctctgcctgg      60
112 aagtctatac tctaccagg gcacccctct ggtcagaggc agtgagtact gggaactgga      120
113 ggctgacctg tgcttagaag tcctttaatc tgggctggta caggcctcag ccttgccctc      180
114 aatgcacgaa aggtggccca ggagagagga tcaatgccat aggaggcaga agtctggcct      240
115 ctgtgcctct atggagacta tcttcagtt gctgctcaac agagtgttg gctgagacct      300
116 gcttgggagt ctctgctggc ccttcactct ttcaggaaca cacacacaca cacactcaca      360
117 cagcacaca caatcacat ttgctacagc aacaaaaaag acattgggct gtggcattat      420
118 taattaaaga tgatatccag tcaaaaaaaa act                               453
121 <210> SEQ ID NO: 3
122 <211> LENGTH: 4675
123 <212> TYPE: DNA
124 <213> ORGANISM: Homo sapiens
126 <400> SEQUENCE: 3
127 gcggccgccc cattcccaga ccggccgcca gcccatctgg ttagctcccg ccgctccgcg      60
128 ccgcccggga gtcgggagcc gcggggaacc gggcacctgc accgcctct gggagtgagt      120
129 gggtccagct ggtgcctggc ctgtgtctct tggatgcct gtggcttcag tccgtctcct      180
130 gttgccacc accctcgtccc tgggccgcct gatacccag cccaacagct aagggtgtgga      240
131 tggacagtag ggggctggct tctctcactg gtcaggggca ggaagccaag tggagacttt      300
132 gaatggaggc aaggatggag gggacctggg gaagaggact ggcctgaatc accttcccca      360
133 aaggctctca tggactgagc tggaggtctt ctcccctgtc tgccctcccg agctaggact      420
134 gcagaggggc ctatcatggg gcttgaggc cccctggctg tctcgctgtt gctgcccagc      480
135 ctcacactgc tgggtgtcca cctctccagc tcccaggatg tctccagtga gccagcagc      540
136 gagcagcagc tgtgcgccct tagcaagcac ccacccgtgg cctttgaaga cctgcagccg      600
137 tgggtctcta acctcaccta ccttgaggc cgggatttct ccagctggc tttggacccc      660
138 tccgggaacc agctcatcgt gggagccagg aactacctct tcagactcag ccttgccaat      720
139 gtctctcttc ttcaggccac agagtgggcc tccagtggag acacgcgccg ctctgcca      780
140 agcaaaggga agactgagga ggagtgtcag aactacgtgc gagtctgat cgtcgccggc      840
141 cggaagggtg tcatgtgtgg aaccaatgcc ttttcccca tgtgcaccag cagacagggtg      900
142 gggaacctca gccggactac tgagaagatc aatgggtgtg cccgctgcc ctatgacca      960
143 cgccacaact ccacagctgt catctcctcc cagggggagc tctatgcagc cacggctc      1020
144 gacttctcag gtcgggaccc tgccatctac cgcagcctgg gcagtgggccc accgcttcgc      1080
145 actgcccact ataactccaa gtggcttaat gagccaaact tcgtggcagc ctatgatatt      1140
146 gggctgtttg catacttctt cctgcgggag aacgcagtgg agcacgactg tggacgcacc      1200
147 gtgtactctc gcgtggcccg cgtgtgcaag aatgacgtgg ggggccgatt cctgctggag      1260
148 gacacatgga ccacattcat gaaggcccg ctcaactgct cccgcccggg cgaggctccc      1320
149 ttctactata acgagctgca gagtgccttc cacttgccag agcaggacct catctatgga      1380
150 gttttcacia ccaacgtaaa cagcatecgc gcttctgctg tctgcgctt caacctcagt      1440
151 gctatctccc aggttttcaa tggcccattt cgtaccagg agaaccacag ggctgctgg      1500
152 ctccccatag ccaaccccat cccaatttc cagtgtggca ccctgcctga gaccggctcc      1560
153 aacgagaacc tgacggagcg cagcctgcag gacgcgcagc gcctcttct gatgagcgag      1620
154 gccgtgcagc cggtgacacc cgagccctgt gtcacccagg acagcgtgcg cttctcacac      1680
155 ctctgtgtgg acctggtgca ggctaaagac acgctctacc atgtactcta cattggcacc      1740
156 gagtcgggga ccatactgaa ggctgtgtcc acggcgagcc gcagcctcca cggctgctac      1800
157 ctggaggagc tgcacgtgct gcccccggg cgccgcgagc ccctgcgcag cctgcgcac      1860
158 ctgcacagcg cccgcgcgct ctctgtgggg ctgagagacg gcgtcctgcg ggtcccactg      1920

```

RAW SEQUENCE LISTING

DATE: 12/09/2004

PATENT APPLICATION: US/10/516,476

TIME: 14:25:28

Input Set : A:\Avalon 165.txt

Output Set: N:\CRF4\12092004\J516476.raw

```

159 gagaggtgcg ccgcctaccg cagccagggg gcatgcctgg gggcccggga cccgtactgt 1980
160 ggctgggacg ggaagcagca acgttgacgc acactcgagg acagctccaa catgagcctc 2040
161 tggaccacaga acatcacccg ctgtcctgtg cggaatgtga cacgggatgg gggcttcggc 2100
162 ccatggteac catggcaacc atgtgagcac ttggatgggg acaactcagg ctcttgccctg 2160
163 tgctgagctc gatcctgtga ttccccctga ccccgctgtg ggggccttga ctgcctgggg 2220
164 ccagccatcc acatcgccaa ctgctccagg aatggggcgt ggaccccgtg gtcacgtgg 2280
165 gcgctgtgca gcacgtcctg tggcatcggc ttccaggctc gccagcgaag ttgcagcaac 2340
166 cctgctcccc gccacggggg ccgcatctgc gtgggcaaga gccgggagga acggttctgt 2400
167 aatgagaaca cgcttgccc ggtgcccac ttctgggctt cctggggctc ctggagcaag 2460
168 tgcagcagca actgtggagg gggcatgcag tcgcggcgtc gggcctgcga gaacggcaac 2520
169 tcctgcctgg gctgcggcgt ggagttcaag acgtgaacc ccgagggtg ccccgaaagt 2580
170 cggcgcaaca cccctggac gccgtggctg cccgtgaac tgacgcagg cggggcacgg 2640
171 caggagcagc ggttccgctt cacctgccgc gcgcccctg cagaccgcga cggcctgcag 2700
172 ttcggcagga gaaggaccga cagaggacc tgtcccgcgg acggctccgg ctccctgcgac 2760
173 accgacgccc tgggtggagg cctcctgcgc agcgggagca cctccccgca cacggtgagc 2820
174 gggggctggg ccgcctgggg ccggtggtcg tcctgctccc gggactgcga gctgggcttc 2880
175 cgcgtccgca agagaacgtg cactaaccgc gagccccgca acgggggctt gccctgcgtg 2940
176 ggcatgctg ccgagtacca ggactgcaac cccaggtct gccagttcg ggggtgcttg 3000
177 tcctgctgga cctcatggtc tccatgctca gcttctctg gtgggggtca ctatcaacgc 3060
178 acccgcttct gcaccagccc cgcaccctcc ccaggtgagg acatctgtct cgggctgcac 3120
179 acggaggagg cactatgtgc cacacaggcc tgcccagaag gctggtcgcc ctggtctgag 3180
180 tggagtaagt gcaactgacga cggagcccag agccgaagcc ggcactgtga ggagctcctc 3240
181 ccagggtcca gcgcmgtgct tggaaacagc agccagagcc gccctgccc ctacagcgag 3300
182 attcscgtca tcctgccagc ctccagcatg gaggaggcca ccgactgtgc agggttcaat 3360
183 ctcatccact tgggtggccac gggcatctcc tgcttcttgg gctctgggct cctgacccta 3420
184 gcagtgtacc tgtcttgcca gcaactgcc cgtcagtcct aggagtccac actggtccat 3480
185 cctgccaccc ccaaccattt gcactacaag ggcggaggca ccccgaagaa tgaaaagtac 3540
186 acacccatgg aattcaagac cctgaacaag aataacttga tcctgatga cagagccaac 3600
187 ttctaccact tgcagcagac caatgtgtac acgactactt actaccgaag cccctgaac 3660
188 aaacacagct tccggcccga ggctcacct ggacaacggg gcttccccaa cagctgatac 3720
189 cgccgtcctg gggacttggg cttcttgctt tcataaggca cagagcagat ggagatggga 3780
190 cagtggagcc agtttggttt tctccctctg cactaggcca agaacttgct gccttgctg 3840
191 tggggggtcc catccggctt cagagagctc tggctggcat tgaccatggg ggaaagggct 3900
192 ggtttcaggc tgacatatgg ccgcaggctc agttcagccc aggtctmtca tggttatctt 3960
193 ccaacccact gtcacgctga cactatgctg ccatgcctgg gctgtggacc tactgggcat 4020
194 ttgaggaayt ggagaatgga gatggcaaga gggcaggctt ttaagtttgg gttggagaca 4080
195 acttcctgtg gccccacaa gctgagctg gccttctcca gctggcccca aaaaaggcct 4140
196 ttgctacatc ctgattatct ctgaaagtaa tcaatcaagt ggctccagta gctctggatt 4200
197 ttctgccagg gctgggcat tgtggtgctg cccagtatg acatgggacc aaggccagcg 4260
198 caggttatcc acctctgctt ggaagtctat actctacca gggcatccct ctggtcagag 4320
199 gcagtgahta ctgggaactg gaggtgacc tgtgcttaga agtcctttaa tctgggctgg 4380
200 tacaggcctc agccttgccc tcaatgcacg aaaggtggcc caggagagag gatcaatgcc 4440
201 ataggaggca gaagtctggc ctctgtgctt ctatggagac tatcttcag ttgctgctca 4500
202 acagagttgt tggctgagac ctgcttggga gtctctgctg gcccttcac tggtcaggaa 4560
203 cacacacaca cacacactca cacacgcaca cacaatcaca atttgctaca gcaacaaaaa 4620
204 agacattggg ctgtggcatt attaattaaa gatgatatcc agtcaaaaaa aaact 4675
207 <210> SEQ ID NO: 4
208 <211> LENGTH: 4731
209 <212> TYPE: DNA

```

RAW SEQUENCE LISTING

DATE: 12/09/2004

PATENT APPLICATION: US/10/516,476

TIME: 14:25:28

Input Set : A:\Avalon 165.txt

Output Set: N:\CRF4\12092004\J516476.raw

```

210 <213> ORGANISM: Homo sapiens
212 <400> SEQUENCE: 4
213 attggagatg ctcgggggca ggctgccgcg ttgtgtcctg cttttctgcg gccagaccaa      60
214 gccgtctgga gctgctggtc aggttttctt gctgacctca cctgaccaca gtggcctggg      120
215 tggactctac agggaaatgt tgttttctcc ctgggagcag tagcagcagt cctggctccc      180
216 ctggactgag aactcctcat cagccccagg aagcccgagc cccctttcag ggatctggaa      240
217 ccggtgtgcc tgtggcccca ggtctgctcc caggcgtggg ctgaagtcct gacttctgtc      300
218 gctgggggca aggagtggga gagcccagct gctgcctggg ctttggcaga cagcaggctg      360
219 atggtgctgg cttccccgag actgcttctc ctgctgctg tctgatttcc ctgcatggtg      420
220 cccgcagctg agctgctacg ggtcttctcc cctgtctgcc tcccggagct aggactgcag      480
221 aggggcctat catggtgctt gcaggcccc ttgctgtctc gctgttgctg cccagcctca      540
222 cactgctggt gtcccacctc tccagctccc aggatgtctc cagtgaagcc agcagtgaagc      600
223 agcagctgtg cgccttagc aagcacccca ccgtggcctt tgaagacctg cagccgtggg      660
224 tctctaactt cacctaccct ggagcccggg atttctccca gctggctttg gacccctccg      720
225 ggaaccagct catcgtggga gccaggaact acctcttcag actcagcctt gccaatgtct      780
226 ctcttcttca ggccacagag tgggcctcca gtgaggacac gcgccgctcc tgccaaagca      840
227 aagggaagac tgaggaggag tgtcagaact acgtgcgagt cctgatcgct gccggccgga      900
228 aggtgttcat gtgtggaacc aatgcctttt ccccatgtg caccagcaga cagggtgggga      960
229 acctcagccg gactactgag aagatcaatg gtgtggcccg ctgccctat gaccacgcc      1020
230 acaactccac agctgtcatc tcctcccagg gggagctcta tgcagccacg gtcactgcact      1080
231 tctcaggtcg ggaccctgcc atctaccgca gcctgggcag tgggccaccg cttcgcactg      1140
232 cccaatataa ctccaagtgg cttaatgagc caaacttcgt ggcagcctat gatattgggc      1200
233 tgtttgcata cttcttcctg cgggagaacg cagtggagca cgactgtgga cgcaccgtgt      1260
234 actctcgcgt ggcccgcgtg tgcaagaatg acgtgggggg ccgattcctg ctggaggaca      1320
235 catggaccac attcatgaag gcccggctca actgctcccg cccgggcgag gtccccttct      1380
236 actataacga gctgcagagt gccttccact tgccagagca ggacctcatc tatggagttt      1440
237 tcacaaccaa cgtaaacagc atcgcggctt ctgctgtctg cgccttcaac ctcagtgeta      1500
238 tctcccagge tttcaatggc ccatttcgct accaggagaa cccaggggct gcctggctcc      1560
239 ccatagccaa ccccatccc aatttccagt ttggcaccct gcctgagacc ggtcccaacg      1620
240 agaacctgac ggagcgcagc ctgcaggagc cgcagcgctt cttcctgatg agcgaggccg      1680
241 tgcagccggt gacacccgag ccctgtgtca cccaggacag cgtgcgcttc tcacacctcg      1740
242 tgggtggacct ggtgcaggct aaagacacgc tctaccatgt actctacatt ggcaccgagt      1800
243 cgggcaccat cctgaaggcg ctgtccacgg cgagccgcag cctccacggc tgctacctgg      1860
244 aggagctgca cgtgctgcc cccgggcgcc gcgagccct gcgcagcctg cgcactctgc      1920
245 acagcgcccg cgcgctcttc gtggggctga gagacggcgt cctgcgggtc ccactggaga      1980
246 ggtgcgccgc ctaccgcagc cagggggcat gcctgggggc ccgggacccg tactgtggct      2040
247 gggacgggaa gcagcaacgt tgcagcacac tcgaggacag ctccaacatg agcctctgga      2100
248 ccagaacat caccgcctgt cctgtgcgga atgtgacacg ggatgggggc ttcggcccat      2160
249 ggtcaccatg gcaaccatgt gagcacttgg atggggacaa ctcaggctct tgctgtgtc      2220
250 gagctcgatc ctgtgattcc cctcgacccc gctgtggggg ccttgactgc ctggggccag      2280
251 ccatccacat cgccaactgc tccaggaatg gggcgtggac cccgtggtca tcgtgggcgc      2340
252 tgtgcagcac gtctgtggc atcggtctcc aggtccgcca gcgaagtgc agcaacctg      2400
253 ctccccgcca cgggggcgc atctgcgtgg gcaagagccg ggaggaacgg ttctgtaatg      2460
254 agaacacgcc ttgcccgggt cccatcttct gggcttctct gggctcctgg agcaagtga      2520
255 gcagcaactg tggagggggc atgcagtgcg ggcgtcgggc ctgcgagaac ggcaactcct      2580
256 gcctgggctg cggcgtggag ttcaagacg tgaacccca gggctgcccc gaagtgcggc      2640
257 gcaacacccc ctggacgcg tggctgcgg tgaacgtgac gcagggcggg gcacggcagg      2700
258 agcagcggtt ccgcttcacc tgccgcgcgc cccttgaga cccgcacggc ctgcagtctg      2760
259 gcaggagaag gaccgagacg aggacctgtc ccgcggacgg ctccggctcc tgcgacaccg      2820

```

VERIFICATION SUMMARY

DATE: 12/09/2004

PATENT APPLICATION: US/10/516,476

TIME: 14:25:29

Input Set : A:\Avalon 165.txt

Output Set: N:\CRF4\12092004\J516476.raw

L:10 M:270 C: Current Application Number differs, Replaced Current Application Number

L:11 M:271 C: Current Filing Date differs, Replaced Current Filing Date